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REC'D 30 JUL 2004

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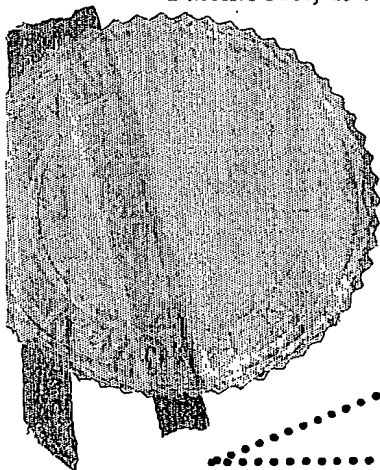
PCT

Government Of India  
Patent Office  
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Mumbai - 400 013

THE PATENTS ACT, 1970

IT IS HEREBY CERTIFIED THAT, the annex is a true copy  
of Application and Complete Specification filed on 19/07/2002 in respect of Patent  
Application No. 655/MUM/2002 of Dr. Anthony Joseph of 'Rose', S.No.48/11 A, Samata  
Colony, Rahalni, Pimpri, Pune - 411 042, Maharashtra, India, An Indian National.

This certificate is issued under the powers vested in me under Section 147 (1) of the  
Patents Act, 1970.



**PRIORITY  
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Dated this 6<sup>th</sup> day of April 2004.

(R. BHATTACHARYA)

ASST. CONTROLLER OF PATENTS & DESIGNS.



FORM 1

THE PATENTS ACT, 1970

(Section 7)

APPLICATION FOR GRANT OF A PATENT

1. I Dr. Anthony Joseph, son of Mr. Devasia Joseph, aged about 51 years, Pune, Indian National, having my address at 'Rose', S.No. 48/11 A, Samata Colony, Rahalni, Pimpri, Pune 411 042, Maharashtra, India.

2. Hereby declare -

(a) that I am in possession of an invention titled:

"An ayurvedic medicinal preparation"

(b) that the Complete specification relating to this invention is filed with this application.

(c) that there is no lawful ground of objection to the grant of a patent to us.

3. Further declare that the inventor for the said invention is myself i.e.:

a. Name:

Dr. Anthony Joseph

Nationality:

Indian

Address:

'Rose', S.no. 48/11 A  
Samata Colony  
Rahatni  
Pimpri  
Pune 411 042  
Maharashtra

4. I, Dr. Anthony Joseph, do not claim the priority from the Application(s) filed in NIL convention countries, particulars of which are as follows:

a. Name of the country

: India

b. Application No.

: 552/MUM/2002

c. Date of Application

: 24/06/2002

d. Applicant in convention country

: Dr. Anthony Joseph

e. Title of the invention in the Convention country

: An Ayurvedic medicinal preparation

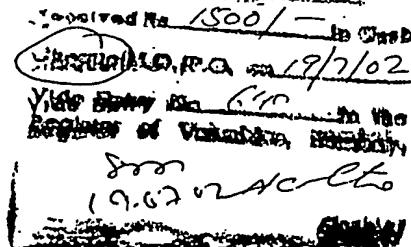
655/MUM/2002.

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2002



5. I, Dr. Anthony Joseph, state that the said invention is not an improvement in or modification of the invention, the particulars of which are as follows and of which we are the applicant/patentee:

- a. Application No. or : Not Applicable  
Patent No.  
b. Date of Appln. No. or : Not Applicable  
date of Patent

6. That I am the inventor and applicant;

7. That my address for service in India is as follows:

Usha A. Chandrasekhar  
3E1, Court Chambers  
New Marine Lines Road  
Mumbai 400 050

8. That to the best of my knowledge, information and belief the fact and matters stated herein are correct and that there is no lawful ground of objection to the grant of patent to me on this application.

9. Following are the attachment with the application:

(a) Complete specification (3 copies).

(b) Power of authority.

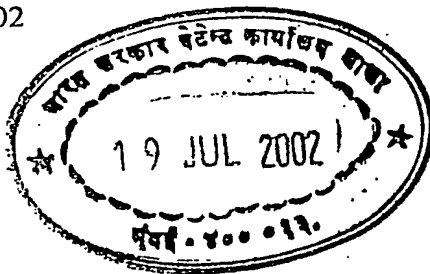
(c) Fee Rs. 1500 in cheque bearing No. dt: July, 2002 drawn on

We request that a patent may be granted to us for the said invention.

Dated this 12<sup>th</sup> day of July 2002



Dr. Anthony Joseph



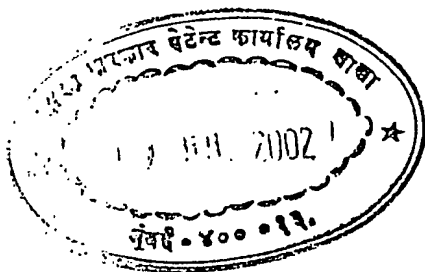
To  
The Controller of Patents  
The Patent Office, Mumbai

**ABSTRACT:** The invention relates to an ayurvedic medicinal preparation used as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity . The principal ingredient used are nuts from the plants belonging to the anacardiaceae family, Allium Sativum Linn and Zingiber Officinale Rosc. The toxins and irritants from the nuts are removed or deactivated, before the oil is extracted from the nuts. The formulation is prepared with the filtered nut oil extract, and an extract of Allium Sativum Linn and Zingiber Officinale Rosc

To

The Controller of Patents

Mumbai



**FORM 2**

**THE PATENTS ACT 1970**

**COMPLETE SPECIFICATION**  
(Section 10)

**TITLE:** An ayurvedic medicinal preparation.

**APPLICANT:** Dr. Anthony Joseph, son of Mr. Devasia Joseph, Pune Indian National, residing at ROSE, S.No. 48/11 A, Samata Colony, Rahalni, Pimpri, Pune 411 042, Maharashtra, India.

The following specification describes the nature of the invention:

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MUM

19 JUL 2002

ORIGINAL

**FIELD OF INVENTION:** The invention relates to an ayurvedic medicinal preparation, essentially from nuts of the anacardiaceae family, *Allium Sativum* Linn and *Zingiber Officinale* Rosc for use as a prophylatic cardiac tonic, for general revitalization of the human body and for increasing cardiac muscle tonicity.

**BACKGROUND OF THE INVENTION:** Several ayurvedic preparations are in use for the treatment of heart ailments and as a prophylatic preparation for cardiac care. Most commonly used and reported are extracts or preparations from the plant *terminalia arjuna* Patent Application No: 1184/MUM/2001 describes a process for an ayurvedic preparation from *terminalia arjuna* bark, *acorus calmus* stem, *magnifera indica* bark, *Moringe oelifera* bark, *murraya koengil* leaf, *pipeer longum* fruit, *boerhaavia diffusa* root. The presently known ayurvedic preparations are very selectively effective.

The present invention describes for the first time a formulation for a complete ayurvedic preparation, made essentially from nuts of plants belonging to the genus *anacardiaceae*, for revitalising the human body. The preparation enhances the tonicity of the heart muscles, increases the production of blood by the marrow, reduces occlusion of arteries, improves myocardial blood flow and prevents cardiac ailments.

Nuts from the *anacardiaceae* family contain toxins and irritants, and cause contact dermatitis, because of which rash and irritation occurs. Hence its medicinal value has been explored only in a limited way for cancer, gastric infections and fungal infections but not in respect of cardiovascular treatment. The invention also describes for the first time the use of nuts of the *anacardiaceae* family from which the toxic irritants are removed, and is combined with the extract of *Allium Sativum* Linn and *Zingiber Officinale* Rosc for treatment of cardiac ailments.

**SUMMARY:** In its main aspect the invention consists of an ayurvedic medicinal preparation used as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity. The principal ingredient used is a nut oil extract with minimal or no toxins, or where the toxins have been deactivated, from clean and dried nuts from plants of the genus *anacardiaceae*, and an extract of *Allium Sativum* Linn and *Zingiber Officinale* Rosc in vegetable oil. To obtain a nut oil extract the nuts are cleaned and dried. The toxins and irritants contained in the nuts, are removed or deactivated by repeated cooking and drying of the nuts in milk to obtain pure detoxified nuts. The oil in the nuts which is the essential ingredient for this invention, is extracted by boiling the detoxified nuts in a medium of clarified butter, preferably obtained from cow's milk, until all the moisture is removed. In another aspect of this invention, 5 proportions by weight of ghee is used for every 2 proportions by weight of nuts. The medium is maintained at a temperature of 50° to 80°, for an extended period of time until the medium is absolutely moisture free. An extract of *Allium Sativum* Linn and *Zingiber Officinale* Rosc is obtained by cooking in a moisture free vegetable oil.. The nut oil extract and the *Allium Sativum* Linn and *Zingiber Officinale* Rosc extract are filtered separately and mixed together.

In another aspect of this invention, the nuts used are either of the species *Semecarpous Anacardium* Linn or *Anacardium Occidenatale* Linn.

In a further aspect of this invention *Zingiber Officinale* Rosc and *Allium Sativum* Linn are used in a proportion of 1:2 by weight, in vegetable oil of 3 proportions by weight, and mixed with filtered oil extract obtained from 2 proportions by weight of nuts.

In yet another aspect of this invention the vegetable oil used is purified castor oil.

**DESCRIPTION:** The following description of the formulation is the best known method of working this invention.

The nuts of the anacardiaceae family are cleaned and dried. Subsequently they are cooked in milk and dried. The process is repeated several times to obtain pure detoxified nuts from which the irritants and toxins have been removed or deactivated. Nuts preferably used are from the plants of *Semecarpous Anacardium* Linn or *Anacardium Occidenatale* Linn. The detoxified nuts are boiled in a medium of clarified butter (ghce), until all the moisture is removed and the spluttering of the medium ebbs. Clarified butter made from cow's milk is preferred. For every 2 proportion by weight of nuts, 5 proportion by weight of ghee is used. The medium is maintained at a temperature of 50° to 80° for an extended period of time to ensure removal of any remainder moisture. By the aforesaid process the essential oil from the nut is extracted in to the medium. By a separate process, *Zingiber Officinale* Rosc and *Allium Sativum* Linn in a proportion of 1:2 by weight is cooked in vegetable oil, preferably purified oil, to obtain a *Zingiber Officinale* Rosc - *Allium Sativum* Linn extract. The *Zingiber Officinale* Rosc - *Allium Sativum* Linn extract and the nut oil extract are separately filtered to remove all solid particles and mixed together.

In the preferred embodiment of this invention, 1:2 proportion by weight of *Zingiber Officinale* Rosc and *Allium Sativum* Linn are cooked in 3 proportions by weight of vegetable oil, preferably oil from *Ricinus Communis* Linn. The filtered extract of *Zingiber Officinale* Rosc and *Allium Sativum* Linn so obtained is mixed with filtered nut oil extract obtained from 2 proportions by weight of nuts.

The viscous liquid is ready for use in doses proportional to age and body weight of the consumer. The viscous liquid may also be encapsulated in soft gelatin capsules for dispensing.

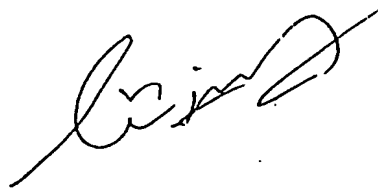


I CLAIM:

1. An ayurvedic medicinal preparation for use as a prophylactic for cardiac ailments and for increasing cardiac muscle tonicity comprising essentially of
  - a. a nut oil extract in clarified butter, with minimal or no toxins and irritants, obtained from cleaned, dried and processed nuts from plants of the genus anacardiaceae;
  - b. an extract of Allium Sativum - Zingiber Officinale Rosc. Linn prepared in moisture free vegetable oil;
  - c. Cooking Allium Sativum Linn and Zingiber Officinale Rosc in moisture free vegetable oil to obtain an Allium Sativum Linn and Zingiber Officinale Rosc extract ;
2. A medicinal preparation as described in claim 1 where in the nuts are either of the species Semecarpous Anacardium Linn or Anacardium Occidenatale Linn.
3. A medicinal preparation as described in claim 2, where in the Allium Sativum Linn and Zingiber Officinale Rosc extract is prepared in purified castor oil.
4. A medicinal preparation as described in claim 3, where in the clarified butter is obtained from cow's milk.

5. A medicinal preparation as described in claim 4, where the nut oil extract in clarified butter is obtained by using 5 proportion by weight of clarified butter for every 2 proportion by weight of nuts.
6. A medicinal preparation as described in claim 5, where in the Zingiber Officinale Rose and Allium Sativum Linn are used in a proportion of 1:2 by weight in castor oil of 3 proportions by weight, and filtered nut oil extract is obtained from 2 proportions by weight of nuts.
7. A medicinal preparation as described in claim 6, which is in soft gelatin capsule form.

Dated this 12<sup>th</sup> day of July, 2002



Dr. Anthony Joseph  
Inventor

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